

**ABSTRACT**

The invention provides an image processing device capable of reducing flickering on a screen by simplifying the structure of an image processing device. The image processing device can include a statistical value calculating unit, a correction parameter calculating unit, and an image correcting unit. The statistical value calculating unit can generate statistical value data. The correction parameter calculating unit generates a control signal in accordance with the degree of change in the scene thereby generating a correction parameter by using a low pass filter whose time constant changes based on the control signal and equalizing the statistical value data. A look-up table can then be generated based on the correction parameter.